

CLAIMS

1. A chip resistor comprising:

an insulating substrate including two side surfaces
5 spaced from each other in a predetermined direction and an
upper surface extending between the two side surfaces;

a resistive layer formed on the upper surface of the
substrate;

an upper electrode made from a silver paste and
10 connected to the resistive layer;

an undercoat enclosing the resistive layer and
extending onto part of the upper electrode, the undercoat
including an extremity located on the upper electrode;

an auxiliary electrode connected to the upper
15 electrode and extending onto part of the undercoat; and

an overcoat enclosing the undercoat and extending onto
part of the auxiliary electrode, the overcoat including an
extremity located on the auxiliary electrode;

wherein the undercoat extends in the predetermined
20 direction beyond the extremity of the overcoat, so that the
extremity of the undercoat is offset from the extremity of
the overcoat by a predetermined distance.

2. The chip resistor according to claim 1, wherein the
25 predetermined distance is no smaller than 100 μ m.

3. The chip resistor according to claim 1, wherein the
auxiliary electrode is made from a base metal paste

containing no silver.

4. The chip resistor according to claim 2, wherein the
auxiliary electrode is made from a base metal paste
5 containing no silver.

5. The chip resistor according to claim 1, wherein the
auxiliary electrode is made from a carbon paste.

10 6. The chip resistor according to claim 2, wherein the
auxiliary electrode is made from a carbon paste.